

SERVICE INFORMATION

M160.0

MODELS AFFECTED: All Crane Voce Coffee Machines.

MODEL NUMBERS: VOCE 603,605,607

Revised: 1/3/2019

RE: Configuring to display the calorie counts

In order for the calorie counts of the various drinks to be displayed on the screen, some basic values must be developed and entered into the machine so that it can do the necessary calculations.

The machine needs to know how many grams of each product are used to make the drink, and how many calories are contained in each gram of the products being used.

Listed in the table below, are some of the default GRAM THROW settings for products used and some generic CALORIES PER GRAM settings that can be entered when setting up the function.

These settings are averages that have been consistent from several products that have been tested. Any product being used should have its own data listed on the package which can be substituted as desired.

Product	Gram Throw	Calories per gram
Milk	12	5
Sugar	14	4
Hot Chocolate	25.2	5.42
Hazelnut	24.7	4
French vanilla	23.5	4
Topping	19.1	5

Version 2.4 software has to be loaded on the Atlas board and the the proper US recipes have to be loaded and activated

1. Open the machine door, after a short delay the machine will ask for the entry of a PIN number. Press the labeled buttons to enter four one's (the default code for the service menu) and press the labeled O.K. button to display the service menu on the screen.
2. Locate and press the labeled button to enter the PRODUCT CONFIGURATION menu.
3. Press the button labeled "Next Page" to display the second page of the menu.
4. Locate and press the labeled button to enter the PRODUCT CALIBRATION menu. A list of products will be displayed.
5. Press the labeled button to select the first product to be measured and calibrated.

A gram scale will need to be used to develop an average amount of product thrown by the machine in a given amount of time. This is done by capturing and measuring three samples of the selected product, then entering and saving each result on the screen as directed.

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6. When ready to capture the product, press the labeled start button to run the first sample.

Note - the first run sample for every product being measured and calibrated is intended to prime the hopper with product and does not need to be measured or entered.

7. When ready to capture the second sample of product, press the labeled start button and the motor will begin to dispense product as before, but this will be the first measured sample.

8. Use a properly configured gram scale to determine the weight of the product sample.

Note - Be sure to eliminate the weight of the container holding the product sample, (tare weight).

9. Use the labeled buttons to enter and display the result on the screen, and then save the entry.

Note – The entry may need to be displayed on the screen as a four digit number, (example ##.##), so a zero may have to be added at the end to complete the fraction.

10. Repeat steps 6 thru 8 two more times in order to capture and enter a total of three measured samples of the product.

Note - The machine will then develop and display a value representing the average weight of the product being dispensed per second of motor operation.

11. When the value is displayed, the machine will ask if the value is acceptable and should be saved or not. There are two options.

A. SAVE - If it is acceptable, press the labeled button to save the displayed value and the screen will return to the list of products.

B. CANCEL - If it is not acceptable, press the labeled button to start over at the beginning of the process.

12. Use the labeled button to select the next product to be calibrated and repeat steps 5 thru 10 to develop a value for the product.

Note – This process will be repeated for each product being used in the machine until all the products which contain calories, have been measured and calibrated.

13. When all the products have been measured and calibrated, press the button labeled UP ONE LEVEL to return to the Product Configuration menu.

14. Locate and press the button labeled ALLERGENS AND CALORIES.

15. Locate and press the button labeled CALORIES DISPLAY.

16. Press the labeled button to ENABLE the function. The selected setting will be highlighted.

17. Press the button labeled UP ONE LEVEL to return to the allergens and calories menu.

18. Locate and press the button labeled SPECIFY CALORIES. The display will show a list of the products in the machine.

19. Press the button labeled for the first product being used, that contains calories.

20. Enter the value for the *calories per gram* that the product contains.

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Note - The generic values in the table above may be used, or another value such as the product manufacturers listing of the *calories per gram* for the product may be entered, as desired.

21. With the desired value displayed, press the labeled button to save the entry.
22. Repeat steps 18 thru 21 to enter the *calories per gram* values for all the calibrated products which contain calories.
23. When all the product values have been entered, press the button labeled UP ONE LEVEL to return to the main menu.
24. Close the machine door and allow the machine to return to a stand by condition.
25. Test as needed to verify proper function, and to verify that the calorie counts for all selected drinks are being displayed on the screen as expected.